



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

December 1991

## NOVEMBER 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

In November 1991 agricultural employment totaled 300,600 (Table 1-A). This is 18 percent below the October level. Over one-half of the monthly employment decline occurred in the San Joaquin Valley (Grapes and Farm Labor Contractors). Four of the remaining five regions posted significantly lower employment totals, with most of the losses occurring in Fruits and Tree Nuts, and Farm Labor Contracting.

The Desert Region recorded a slight employment increase of 1,400, but this was much less than the normal seasonal increase of approximately 7,000. This reflects the devastating effects that the sweet potato whitefly had on vegetable and melon crops in this region, with Farm Labor Contractors being the most affected by the reduced seasonal hiring.

### Wage and Salary Workers in Agricultural Establishments

For November

1991

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	300.6	131.6	46.7	55.8	31.1	23.7	9.6
Total Crops	172.7	71.1	32.6	32.3	12.6	16.1	6.6
Total Livestock	27.1	13.5	2.7	1.3	5.0	2.1	2.0
Total Services	100.8	47.0	11.4	22.2	13.5	5.5	1.0

Source: Tables 1-A through 7-A, November 1991.

## REGIONAL CROP ACTIVITIES

Statewide employment was about five percent below the year-ago level of 315,500, with a decline in Farm Labor Contracting being the dominant factor. During 1991, total employment has been 5,000 to 40,000 below the year-ago total. Most of this year-to-year loss was accounted for by Farm Labor Contracting, principally in the San Joaquin and Desert Regions. In contrast, employment in Vegetables and Melons, Fruits and Tree Nuts is at, or close to, the levels of 1990. All regions except the Central Coast experienced employment declines from a year ago. (Tables 1-A through 7-A.)

According to the California Farm Labor Report (881A), the major regional crop activities during November were:

- **South Coast:** Horticulture and tomatoes (harvest), strawberries and miscellaneous vegetables (plant, cultivate and harvest).
- **Central Coast:** Broccoli and bell peppers (harvest), miscellaneous vegetables (preharvest and harvest), and horticulture (plant, cultivate and harvest).
- **San Joaquin Valley:** Grapes (wine), lettuce, cotton, corn (silage), oranges (navel) and olives (harvest), miscellaneous vegetables and rose plants (plant, cultivate and harvest), and orchards (prune).

## AGRICULTURAL PRODUCTION WORKERS

Between October and November there was a 20 percent reduction in the number of agricultural production workers, statewide, to a total of 270,500. (Table 1-B.)

Statewide, average weekly earnings for agricultural production workers were \$275.65 and ranged from \$252.89 in the Desert Region to \$293.44 in the Central Coast Region. (Tables 1-C through 7-C.)

The average hours worked by agricultural production workers were 40.3, statewide, with a low of 39.6 hours in the Central Coast Region and a high of 43.5 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

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### Average Hourly Earnings of Production Workers

For November

1991

(In Dollars per Hour)

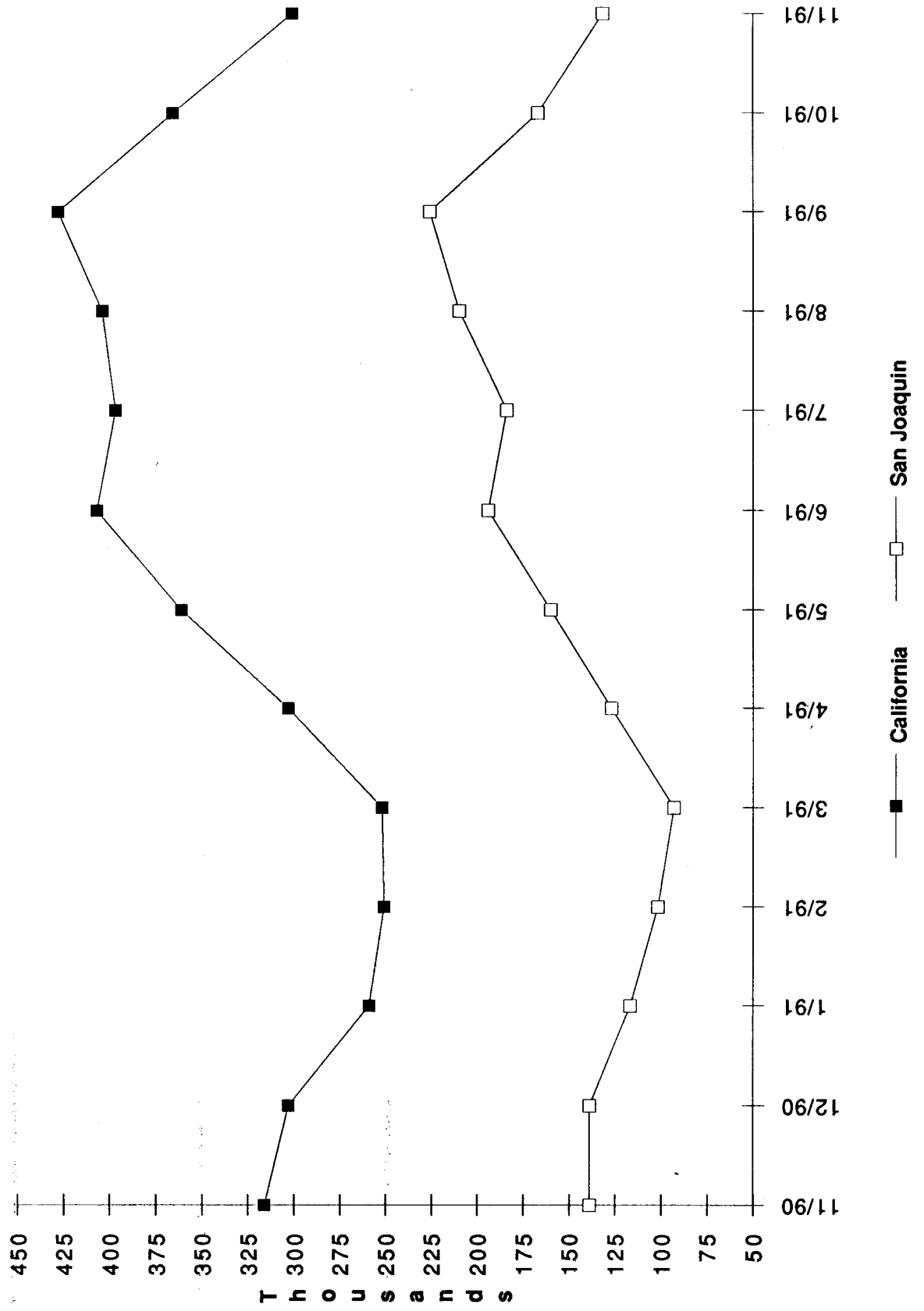
Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.72	6.58	6.89	7.41	6.37	6.02	7.35
Total Crops	6.67	6.59	6.62	7.17	6.10	6.16	7.47
Total Livestock	7.07	7.05	6.67	7.72	7.95	7.12	6.66
Total Services	6.71	6.41	7.78	7.74	5.88	5.22	8.25

Source: Tables 1-E through 7-E, November 1991.

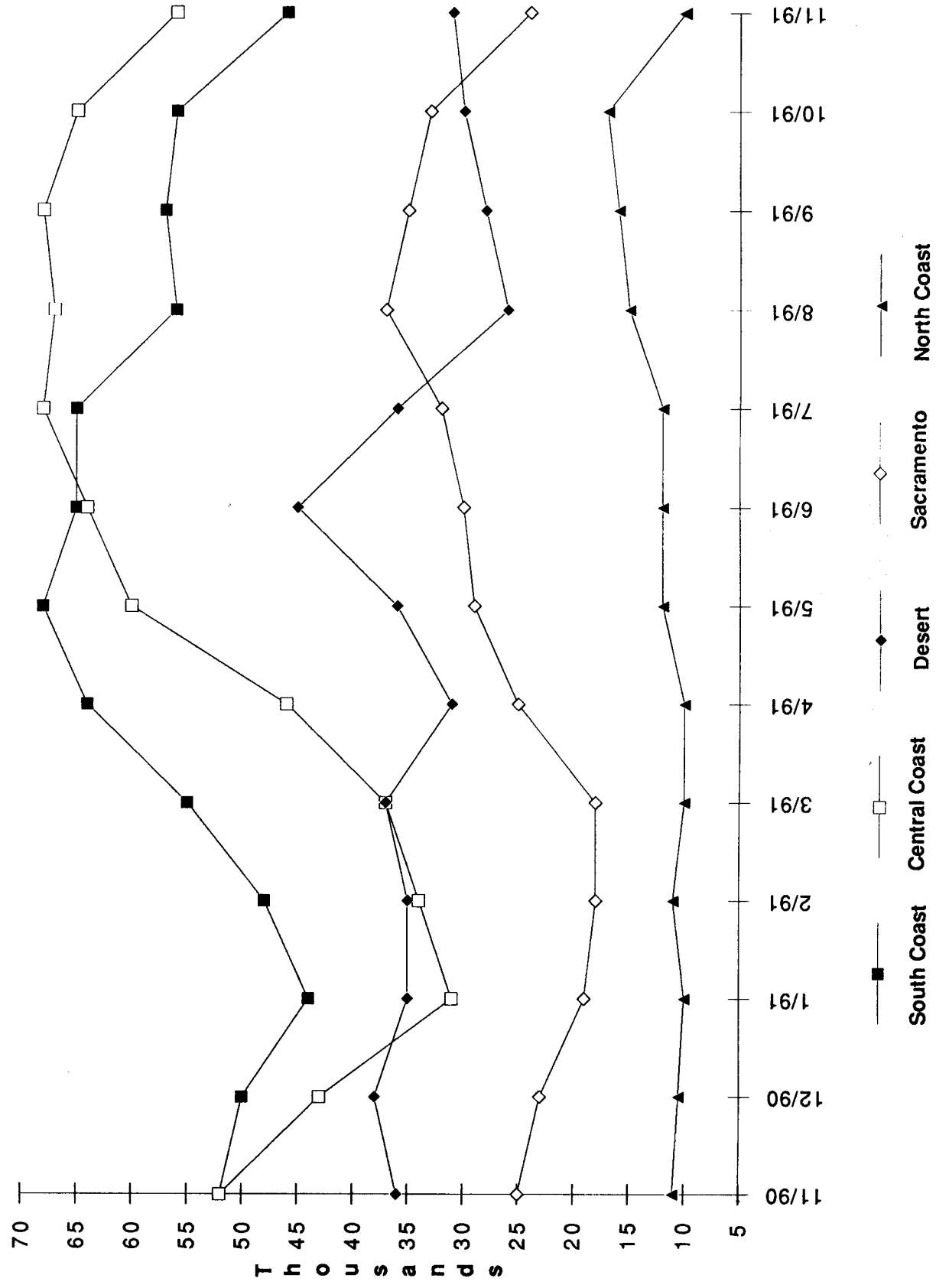
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# TOTAL WAGE & SALARY EMPLOYMENT

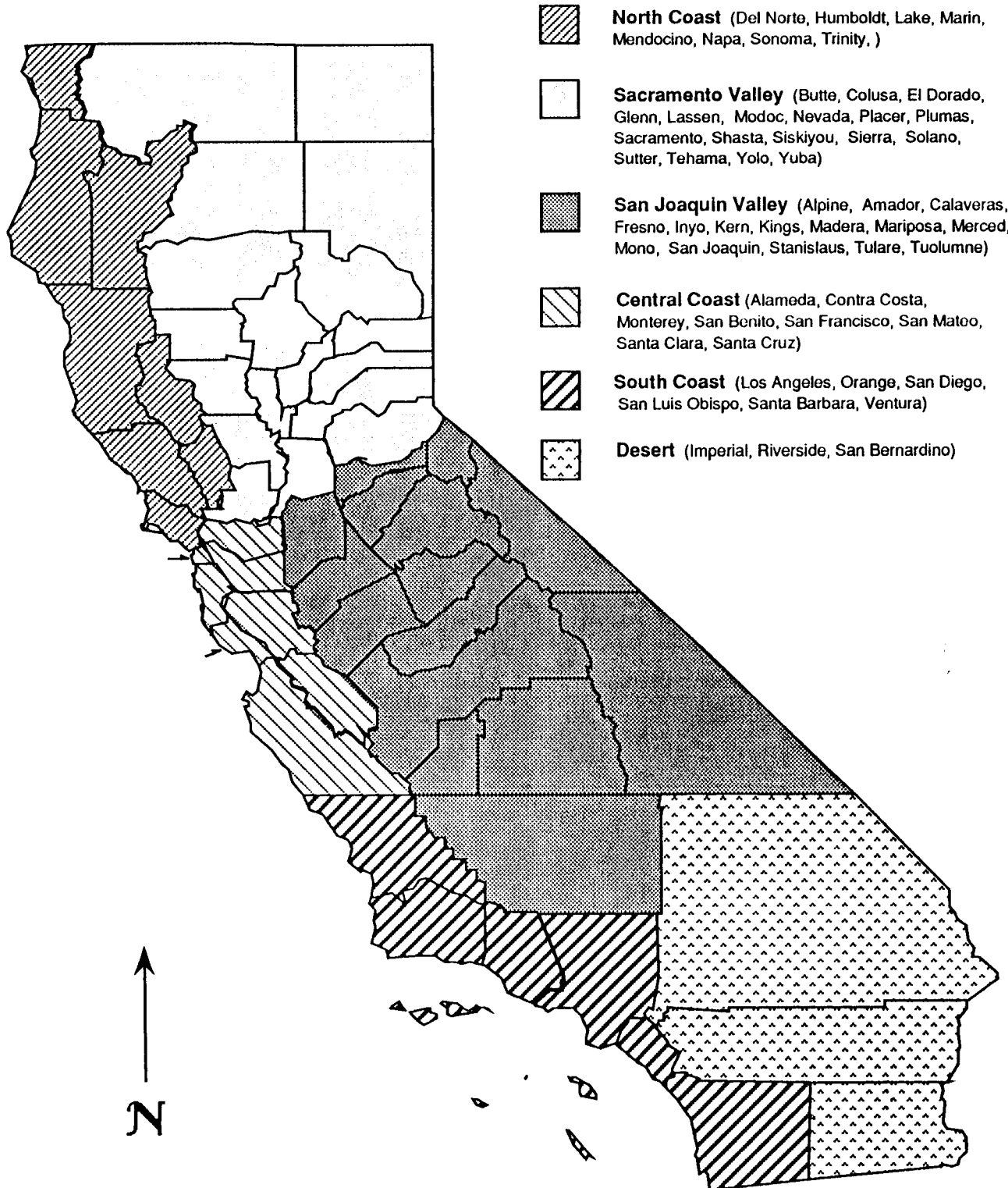
## California and San Joaquin



## All Regions except San Joaquin



**CES-AG REPORTING REGIONS**  
**LABOR MARKET INFORMATION DIVISION**  
**EMPLOYMENT DEVELOPMENT DEPARTMENT**



**DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

**DATA COMMENTS:**

**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: ***Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 427-4961. (ATSS 8-466-4961).***

TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	300.6	366.3	315.5
TOTAL AGRIC. PROD. CROPS	172.7	218.9	175.4
CASH GRAINS	2.5	3.2	2.9
RICE	1.4	1.9	1.6
OTHER CASH GRAIN	1.1	1.3	1.3
FIELD CROPS EXCEPT CASH GRAIN	10.7	12.8	12.0
COTTON	6.3	7.0	7.4
OTHER FIELD CROPS	4.4	5.8	4.6
VEGETABLES AND MELONS	31.6	36.6	30.0
TOTAL FRUIT AND TREE NUTS	66.8	99.3	67.0
BERRIES	9.2	15.6	10.2
GRAPES	25.5	44.4	20.5
TREE NUTS	8.2	10.2	8.2
CITRUS FRUITS	3.8	3.4	5.3
DECIDUOUS TREE FRUIT	9.9	13.1	11.3
OTHER FRUITS AND NUTS	10.2	12.6	11.5
TOTAL HORTICULTURAL SPECIALTIES	34.5	34.9	34.6
ORNAMENTAL FLORAL & NURS PRD	31.3	31.7	31.1
FOOD CROPS GROWN UNDR COVER	3.2	3.2	3.5
GENERAL FARM PRIMARILY CROP	26.6	32.1	28.9
TOTAL AGRIC. PROD. LIVESTOCK	27.1	27.5	28.1
BEEF CATTLE FEED LOTS	0.8	0.8	0.9
BEEF CATTLE EXCEPT FEED LOTS	3.8	3.8	4.0
DAIRY FARMS	13.0	13.3	13.1
CHICKEN EGGS	3.2	3.2	3.4
TURKEYS & TURKEY EGGS	1.2	1.3	1.4
OTHER LIVESTOCK	5.1	5.1	5.3
TOTAL AGRICULTURAL SERVICES	100.8	119.9	112.0
SOIL PREPARATION SERVICES	1.0	1.1	1.1
CROP SERVICES	44.7	49.0	46.9
CROP PLANT-CULT-PROTECTION	4.3	4.7	5.2
CROP HARVEST PRIM. MACHINE	7.0	8.8	7.1
CROP PREP. SERV. FOR MARKET	31.1	33.4	31.7
COTTON GINNING	2.3	2.1	2.9
TOTAL FARM LABOR & MANAGEMENT	55.1	69.8	64.0
FARM LABOR CONTRACTORS	50.5	62.6	58.6
FARM MANAGEMENT SERVICES	4.6	7.2	5.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	270.5	337.5
TOTAL AGRIC. PROD. CROPS	153.7	201.1
CASH GRAINS	2.0	2.7
RICE	1.1	1.5
OTHER CASH GRAIN	0.9	1.2
FIELD CROPS EXCEPT CASH GRAIN	9.6	11.6
COTTON	5.7	6.5
OTHER FIELD CROPS	3.9	5.1
VEGETABLES AND MELONS	29.0	33.9
TOTAL FRUIT AND TREE NUTS	61.1	93.6
BERRIES	9.0	15.3
GRAPES	23.1	42.0
TREE NUTS	7.3	9.3
CITRUS FRUITS	3.4	3.0
DECIDUOUS TREE FRUIT	8.8	12.1
OTHER FRUITS AND NUTS	9.5	11.9
TOTAL HORTICULTURAL SPECIALTIES	27.7	29.5
ORNAMENTAL FLORAL & NURS PRD	25.0	26.8
FOOD CROPS GROWN UNDR COVER	2.7	2.7
GENERAL FARM PRIMARILY CROP	24.3	29.8
TOTAL AGRIC. PROD. LIVESTOCK	23.3	23.8
BEEF CATTLE FEED LOTS	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.1	3.2
DAIRY FARMS	12.1	12.4
CHICKEN EGGS	2.4	2.4
TURKEYS & TURKEY EGGS	0.9	0.9
OTHER LIVESTOCK	4.2	4.3
TOTAL AGRICULTURAL SERVICES	93.5	112.6
SOIL PREPARATION SERVICES	0.8	0.8
CROP SERVICES	39.4	43.7
CROP PLANT-CULT-PROTECTION	3.5	3.9
CROP HARVEST PRIM. MACHINE	6.3	8.1
CROP PREP. SERV. FOR MARKET	27.7	29.9
COTTON GINNING	1.9	1.8
TOTAL FARM LABOR & MANAGEMENT	53.3	68.1
FARM LABOR CONTRACTORS	49.6	61.7
FARM MANAGEMENT SERVICES	3.7	6.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.



TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	270.82	269.86
TOTAL AGRIC. PROD. CROPS	276.81	273.65
CASH GRAINS	333.81	408.28
RICE	358.78	438.86
OTHER CASH GRAIN	305.04	368.63
FIELD CROPS EXCEPT CASH GRAIN	335.15	325.00
COTTON	335.06	324.28
OTHER FIELD CROPS	335.13	325.37
VEGETABLES AND MELONS	309.64	310.61
TOTAL FRUIT AND TREE NUTS	250.38	246.14
BERRIES	221.76	238.29
GRAPES	267.49	244.64
TREE NUTS	253.57	284.49
CITRUS FRUITS	314.58	306.29
DECIDUOUS TREE FRUIT	221.00	221.82
OTHER FRUITS AND NUTS	236.41	236.93
TOTAL HORTICULTURAL SPECIALTIES	288.04	286.02
ORNAMENTAL FLORAL & NURS PRD	286.01	280.32
FOOD CROPS GROWN UNDR COVER	309.22	339.49
GENERAL FARM PRIMARILY CROP	263.34	277.93
TOTAL AGRIC. PROD. LIVESTOCK	336.53	329.24
BEEF CATTLE FEED LOTS	358.43	347.42
BEEF CATTLE EXCEPT FEED LOTS	304.98	293.27
DAIRY FARMS	358.50	350.15
CHICKEN EGGS	315.71	302.72
TURKEYS & TURKEY EGGS	353.36	329.90
OTHER LIVESTOCK	301.84	307.09
TOTAL AGRICULTURAL SERVICES	244.92	250.25
SOIL PREPARATION SERVICES	532.27	482.59
CROP SERVICES	283.85	284.83
CROP PLANT-CULT-PROTECTION	301.44	325.97
CROP HARVEST PRIM. MACHINE	310.86	310.61
CROP PREP. SERV. FOR MARKET	265.88	269.07
COTTON GINNING	416.81	344.42
TOTAL FARM LABOR & MANAGEMENT	212.50	225.57
FARM LABOR CONTRACTORS	208.31	220.46
FARM MANAGEMENT SERVICES	270.68	275.32

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	40.3	41.2
TOTAL AGRIC. PROD. CROPS	41.5	42.1
CASH GRAINS	49.6	59.0
RICE	49.9	60.7
OTHER CASH GRAIN	49.2	56.8
FIELD CROPS EXCEPT CASH GRAIN	49.8	51.1
COTTON	48.7	48.4
OTHER FIELD CROPS	51.4	54.5
VEGETABLES AND MELONS	41.9	44.5
TOTAL FRUIT AND TREE NUTS	39.0	38.4
BERRIES	35.2	39.0
GRAPES	37.1	34.7
TREE NUTS	44.8	48.3
CITRUS FRUITS	42.8	42.6
DECIDUOUS TREE FRUIT	40.7	39.4
OTHER FRUITS AND NUTS	39.6	40.5
TOTAL HORTICULTURAL SPECIALTIES	42.8	43.6
ORNAMENTAL FLORAL & NURS PRD	43.4	43.8
FOOD CROPS GROWN UNDR COVER	37.3	41.3
GENERAL FARM PRIMARILY CROP	41.8	44.9
TOTAL AGRIC. PROD. LIVESTOCK	47.6	46.7
BEEF CATTLE FEED LOTS	53.1	52.8
BEEF CATTLE EXCEPT FEED LOTS	46.0	44.3
DAIRY FARMS	50.0	48.7
CHICKEN EGGS	49.1	47.3
TURKEYS & TURKEY EGGS	56.0	52.7
OTHER LIVESTOCK	38.5	40.3
TOTAL AGRICULTURAL SERVICES	36.5	38.5
SOIL PREPARATION SERVICES	52.7	49.7
CROP SERVICES	40.9	41.4
CROP PLANT-CULT-PROTECTION	44.2	46.5
CROP HARVEST PRIM. MACHINE	42.7	43.2
CROP PREP. SERV. FOR MARKET	39.1	40.1
COTTON GINNING	54.7	44.1
TOTAL FARM LABOR & MANAGEMENT	33.1	36.5
FARM LABOR CONTRACTORS	32.6	36.2
FARM MANAGEMENT SERVICES	40.1	39.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	6.72	6.55
TOTAL AGRIC. PROD. CROPS	6.67	6.50
CASH GRAINS	6.73	6.92
RICE	7.19	7.23
OTHER CASH GRAIN	6.20	6.49
FIELD CROPS EXCEPT CASH GRAIN	6.73	6.36
COTTON	6.88	6.70
OTHER FIELD CROPS	6.52	5.97
VEGETABLES AND MELONS	7.39	6.98
TOTAL FRUIT AND TREE NUTS	6.42	6.41
BERRIES	6.30	6.11
GRAPES	7.21	7.05
TREE NUTS	5.66	5.89
CITRUS FRUITS	7.35	7.19
DECIDUOUS TREE FRUIT	5.43	5.63
OTHER FRUITS AND NUTS	5.97	5.85
TOTAL HORTICULTURAL SPECIALTIES	6.73	6.56
ORNAMENTAL FLORAL & NURS PRD	6.59	6.40
FOOD CROPS GROWN UNDR COVER	8.29	8.22
GENERAL FARM PRIMARILY CROP	6.30	6.19
TOTAL AGRIC. PROD. LIVESTOCK	7.07	7.05
BEEF CATTLE FEED LOTS	6.75	6.58
BEEF CATTLE EXCEPT FEED LOTS	6.63	6.62
DAIRY FARMS	7.17	7.19
CHICKEN EGGS	6.43	6.40
TURKEYS & TURKEY EGGS	6.31	6.26
OTHER LIVESTOCK	7.84	7.62
TOTAL AGRICULTURAL SERVICES	6.71	6.50
SOIL PREPARATION SERVICES	10.10	9.71
CROP SERVICES	6.94	6.88
CROP PLANT-CULT-PROTECTION	6.82	7.01
CROP HARVEST PRIM. MACHINE	7.28	7.19
CROP PREP. SERV. FOR MARKET	6.80	6.71
COTTON GINNING	7.62	7.81
TOTAL FARM LABOR & MANAGEMENT	6.42	6.18
FARM LABOR CONTRACTORS	6.39	6.09
FARM MANAGEMENT SERVICES	6.75	6.97

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	131.6	166.7	139.0
TOTAL AGRIC. PROD. CROPS	71.1	92.3	68.1
TOTAL FIELD CROPS	8.8	10.4	9.8
COTTON	6.0	6.7	6.9
OTHER FIELD CROPS	2.8	3.7	2.9
VEGETABLES AND MELONS	7.1	6.1	5.6
TOTAL FRUIT AND TREE NUTS	38.0	57.1	33.2
GRAPES	19.3	33.5	12.8
TREE NUTS	5.3	6.8	5.3
CITRUS FRUITS	2.2	1.3	2.8
DECIDUOUS TREE FRUIT	5.5	7.9	6.4
OTHER FRUITS AND NUTS	5.7	7.6	5.9
HORTICULTURAL SPECIALTIES	4.8	3.4	3.7
GENERAL FARM PRIMARILY CROP	12.4	15.3	15.8
TOTAL AGRIC. PROD. LIVESTOCK	13.5	13.9	14.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.4	1.5	1.5
DAIRY FARMS	8.3	8.5	8.2
POULTRY & EGGS	2.3	2.3	2.9
OTHER LIVESTOCK	1.2	1.3	1.2
TOTAL AGRICULTURAL SERVICES	47.0	60.5	56.8
CROP SERVICES	21.4	21.8	24.6
CROP PLANT-CULT-PROTECTION	2.3	2.8	3.3
CROP HARVEST PRIM. MACHINE	1.6	2.4	2.4
CROP PREP. SERV. FOR MARKET	15.2	14.7	16.2
COTTON GINNING	2.3	1.9	2.7
TOTAL FARM LABOR & MANAGEMENT	25.6	38.7	32.2
FARM LABOR CONTRACTORS	23.5	35.7	29.6
FARM MANAGEMENT SERVICES	2.1	3.0	2.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	120.2	156.3
TOTAL AGRIC. PROD. CROPS	64.6	86.8
TOTAL FIELD CROPS	7.8	9.5
COTTON	5.4	6.2
OTHER FIELD CROPS	2.4	3.3
VEGETABLES AND MELONS	6.6	5.7
TOTAL FRUIT AND TREE NUTS	35.6	54.7
GRAPES	18.4	32.7
TREE NUTS	4.8	6.2
CITRUS FRUITS	2.0	1.1
DECIDUOUS TREE FRUIT	4.9	7.3
OTHER FRUITS AND NUTS	5.5	7.4
HORTICULTURAL SPECIALTIES	3.5	2.9
GENERAL FARM PRIMARILY CROP	11.1	14.0
TOTAL AGRIC. PROD. LIVESTOCK	12.2	12.6
BEEF CATTLE FEED LOTS	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.3
DAIRY FARMS	7.6	7.9
POULTRY & EGGS	2.1	2.0
OTHER LIVESTOCK	1.1	1.2
TOTAL AGRICULTURAL SERVICES	43.4	56.9
CROP SERVICES	18.6	18.9
CROP PLANT-CULT-PROTECTION	1.8	2.3
CROP HARVEST PRIM. MACHINE	1.4	2.2
CROP PREP. SERV. FOR MARKET	13.5	12.8
COTTON GINNING	1.9	1.6
TOTAL FARM LABOR & MANAGEMENT	24.8	38.0
FARM LABOR CONTRACTORS	23.0	35.2
FARM MANAGEMENT SERVICES	1.8	2.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	263.86	253.94
TOTAL AGRIC. PROD. CROPS	269.53	251.65
TOTAL FIELD CROPS	350.37	328.31
COTTON	335.62	323.52
OTHER FIELD CROPS	384.43	336.67
VEGETABLES AND MELONS	238.10	236.53
TOTAL FRUIT AND TREE NUTS	251.81	234.49
GRAPES	265.79	227.98
TREE NUTS	265.45	287.63
CITRUS FRUITS	195.16	299.75
DECIDUOUS TREE FRUIT	229.09	219.37
OTHER FRUITS AND NUTS	235.62	219.54
HORTICULTURAL SPECIALTIES	268.19	253.93
GENERAL FARM PRIMARILY CROP	288.29	274.95
TOTAL AGRIC. PROD. LIVESTOCK	334.17	327.37
BEEF CATTLE FEED LOTS	367.40	369.04
BEEF CATTLE EXCEPT FEED LOTS	318.98	301.02
DAIRY FARMS	348.58	339.93
POULTRY & EGGS	306.88	306.94
OTHER LIVESTOCK	296.78	296.21
TOTAL AGRICULTURAL SERVICES	236.53	241.56
CROP SERVICES	269.53	281.87
CROP PLANT-CULT-PROTECTION	343.27	330.41
CROP HARVEST PRIM. MACHINE	380.52	369.05
CROP PREP. SERV. FOR MARKET	224.96	251.69
COTTON GINNING	432.99	331.38
TOTAL FARM LABOR & MANAGEMENT	211.54	221.25
FARM LABOR CONTRACTORS	207.75	216.66
FARM MANAGEMENT SERVICES	264.79	280.97

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	40.1	40.5
TOTAL AGRIC. PROD. CROPS	40.9	40.2
TOTAL FIELD CROPS	51.0	50.9
COTTON	48.5	48.0
OTHER FIELD CROPS	56.7	56.3
VEGETABLES AND MELONS	33.3	36.9
TOTAL FRUIT AND TREE NUTS	38.8	37.7
GRAPES	37.7	34.7
TREE NUTS	46.9	49.0
CITRUS FRUITS	23.8	42.7
DECIDUOUS TREE FRUIT	42.9	40.4
OTHER FRUITS AND NUTS	37.4	37.4
HORTICULTURAL SPECIALTIES	37.3	37.9
GENERAL FARM PRIMARILY CROP	46.2	45.0
TOTAL AGRIC. PROD. LIVESTOCK	47.4	46.7
BEEF CATTLE FEED LOTS	55.0	56.0
BEEF CATTLE EXCEPT FEED LOTS	44.8	42.1
DAIRY FARMS	50.3	48.7
POULTRY & EGGS	39.7	41.2
OTHER LIVESTOCK	43.2	45.5
TOTAL AGRICULTURAL SERVICES	36.9	39.6
CROP SERVICES	40.9	43.7
CROP PLANT-CULT-PROTECTION	46.2	45.2
CROP HARVEST PRIM. MACHINE	50.4	51.4
CROP PREP. SERV. FOR MARKET	37.0	42.3
COTTON GINNING	56.6	42.0
TOTAL FARM LABOR & MANAGEMENT	33.9	37.5
FARM LABOR CONTRACTORS	33.4	37.1
FARM MANAGEMENT SERVICES	40.8	42.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	6.58	6.27
TOTAL AGRIC. PROD. CROPS	6.59	6.26
TOTAL FIELD CROPS	6.87	6.45
COTTON	6.92	6.74
OTHER FIELD CROPS	6.78	5.98
VEGETABLES AND MELONS	7.15	6.41
TOTAL FRUIT AND TREE NUTS	6.49	6.22
GRAPES	7.05	6.57
TREE NUTS	5.66	5.87
CITRUS FRUITS	8.20	7.02
DECIDUOUS TREE FRUIT	5.34	5.43
OTHER FRUITS AND NUTS	6.30	5.87
HORTICULTURAL SPECIALTIES	7.19	6.70
GENERAL FARM PRIMARILY CROP	6.24	6.11
TOTAL AGRIC. PROD. LIVESTOCK	7.05	7.01
BEEF CATTLE FEED LOTS	6.68	6.59
BEEF CATTLE EXCEPT FEED LOTS	7.12	7.15
DAIRY FARMS	6.93	6.98
POULTRY & EGGS	7.73	7.45
OTHER LIVESTOCK	6.87	6.51
TOTAL AGRICULTURAL SERVICES	6.41	6.10
CROP SERVICES	6.59	6.45
CROP PLANT-CULT-PROTECTION	7.43	7.31
CROP HARVEST PRIM. MACHINE	7.55	7.18
CROP PREP. SERV. FOR MARKET	6.08	5.95
COTTON GINNING	7.65	7.89
TOTAL FARM LABOR & MANAGEMENT	6.24	5.90
FARM LABOR CONTRACTORS	6.22	5.84
FARM MANAGEMENT SERVICES	6.49	6.58

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	46.7	56.2	52.2
TOTAL AGRIC. PROD. CROPS	32.6	39.0	38.3
VEGETABLES AND MELONS	9.2	10.6	10.5
TOTAL FRUIT AND TREE NUTS	6.9	11.1	8.6
BERRIES	3.7	7.4	4.2
GRAPES	0.5	1.1	0.7
CITRUS FRUITS	1.5	1.4	1.7
OTHER FRUITS AND NUTS	1.2	1.2	2.0
TOTAL HORTICULTURAL SPECIALTIES	13.9	14.2	16.1
ORNAMENTAL FLORAL & NURS PRD	13.0	13.3	15.3
FOOD CROPS GROWN UNDR COVER	0.9	0.9	0.8
GENERAL FARM PRIMARILY CROP	2.6	3.1	3.1
TOTAL AGRIC. PROD. LIVESTOCK	2.7	2.7	2.8
TOTAL AGRICULTURAL SERVICES	11.4	14.5	11.1
CROP SERVICES	4.2	5.2	3.8
CROP HARVEST PRIM. MACHINE	1.9	2.2	1.2
CROP PREP. SERV. FOR MARKET	2.3	3.0	2.6
TOTAL FARM LABOR & MANAGEMENT	7.2	9.3	7.3
FARM LABOR CONTRACTORS	6.4	8.2	6.4
FARM MANAGEMENT SERVICES	0.8	1.1	0.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	40.7	50.2
TOTAL AGRIC. PROD. CROPS	28.2	34.6
VEGETABLES AND MELONS	8.4	9.8
TOTAL FRUIT AND TREE NUTS	6.2	10.5
BERRIES	3.5	7.2
GRAPES	0.4	1.0
CITRUS FRUITS	1.2	1.2
OTHER FRUITS AND NUTS	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	11.2	11.5
ORNAMENTAL FLORAL & NURS PRD	10.5	10.8
FOOD CROPS GROWN UNDR COVER	0.7	0.7
GENERAL FARM PRIMARILY CROP	2.4	2.8
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.1
TOTAL AGRICULTURAL SERVICES	10.4	13.5
CROP SERVICES	3.7	4.6
CROP HARVEST PRIM. MACHINE	1.7	1.9
CROP PREP. SERV. FOR MARKET	2.0	2.7
TOTAL FARM LABOR & MANAGEMENT	6.7	8.9
FARM LABOR CONTRACTORS	6.0	7.9
FARM MANAGEMENT SERVICES	0.7	1.0

1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	284.56	268.46
TOTAL AGRIC. PROD. CROPS	280.03	267.34
VEGETABLES AND MELONS	304.40	295.81
TOTAL FRUIT AND TREE NUTS	242.26	224.46
BERRIES	214.20	203.65
GRAPES	232.22	193.34
CITRUS FRUITS	292.50	316.73
OTHER FRUITS AND NUTS	281.40	289.66
TOTAL HORTICULTURAL SPECIALTIES	288.51	296.06
ORNAMENTAL FLORAL & NURS PRD	287.66	295.28
FOOD CROPS GROWN UNDR COVER	296.24	319.22
GENERAL FARM PRIMARILY CROP	251.92	217.92
TOTAL AGRIC. PROD. LIVESTOCK	304.15	294.10
TOTAL AGRICULTURAL SERVICES	293.31	264.98
CROP SERVICES	349.78	315.17
CROP HARVEST PRIM. MACHINE	322.81	318.16
CROP PREP. SERV. FOR MARKET	373.97	312.44
TOTAL FARM LABOR & MANAGEMENT	262.15	239.42
FARM LABOR CONTRACTORS	257.31	244.93
FARM MANAGEMENT SERVICES	302.65	197.51

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	41.3	40.8
TOTAL AGRIC. PROD. CROPS	42.3	42.1
VEGETABLES AND MELONS	43.3	45.3
TOTAL FRUIT AND TREE NUTS	38.7	37.1
BERRIES	34.0	34.4
GRAPES	34.0	28.9
CITRUS FRUITS	46.8	49.8
OTHER FRUITS AND NUTS	46.9	48.6
TOTAL HORTICULTURAL SPECIALTIES	44.8	45.9
ORNAMENTAL FLORAL & NURS PRD	45.3	46.5
FOOD CROPS GROWN UNDR COVER	36.8	37.6
GENERAL FARM PRIMARILY CROP	36.3	34.7
TOTAL AGRIC. PROD. LIVESTOCK	45.6	44.9
TOTAL AGRICULTURAL SERVICES	37.7	36.6
CROP SERVICES	42.5	40.2
CROP HARVEST PRIM. MACHINE	42.7	41.0
CROP PREP. SERV. FOR MARKET	42.4	39.6
TOTAL FARM LABOR & MANAGEMENT	35.0	34.8
FARM LABOR CONTRACTORS	34.4	35.6
FARM MANAGEMENT SERVICES	40.3	28.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	6.89	6.58
TOTAL AGRIC. PROD. CROPS	6.62	6.35
VEGETABLES AND MELONS	7.03	6.53
TOTAL FRUIT AND TREE NUTS	6.26	6.05
BERRIES	6.30	5.92
GRAPES	6.83	6.69
CITRUS FRUITS	6.25	6.36
OTHER FRUITS AND NUTS	6.00	5.96
TOTAL HORTICULTURAL SPECIALTIES	6.44	6.45
ORNAMENTAL FLORAL & NURS PRD	6.35	6.35
FOOD CROPS GROWN UNDR COVER	8.05	8.49
GENERAL FARM PRIMARILY CROP	6.94	6.28
TOTAL AGRIC. PROD. LIVESTOCK	6.67	6.55
TOTAL AGRICULTURAL SERVICES	7.78	7.24
CROP SERVICES	8.23	7.84
CROP HARVEST PRIM. MACHINE	7.56	7.76
CROP PREP. SERV. FOR MARKET	8.82	7.89
TOTAL FARM LABOR & MANAGEMENT	7.49	6.88
FARM LABOR CONTRACTORS	7.48	6.88
FARM MANAGEMENT SERVICES	7.51	6.93

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	55.8	65.2	52.1
TOTAL AGRIC. PROD. CROPS	32.3	39.7	32.0
VEGETABLES AND MELONS	10.6	14.3	10.0
TOTAL FRUIT AND TREE NUTS	7.9	11.5	8.9
BERRIES	5.7	8.0	5.8
GRAPES	0.9	1.5	1.5
DECIDUOUS TREE FRUIT	0.8	1.4	0.8
OTHER FRUITS AND NUTS	0.5	0.6	0.8
TOTAL HORTICULTURAL SPECIALTIES	9.7	9.4	10.2
ORNAMENTAL FLORAL & NURS PRD	7.8	7.5	7.9
FOOD CROPS GROWN UNDR COVER	1.9	1.9	2.3
GENERAL FARM PRIMARILY CROP	4.1	4.5	2.9
TOTAL AGRIC. PROD. LIVESTOCK	1.3	1.3	1.2
TOTAL AGRICULTURAL SERVICES	22.2	24.2	18.9
CROP SERVICES	11.9	13.2	10.3
CROP HARVEST PRIM. MACHINE	3.3	3.3	3.2
CROP PREP. SERV. FOR MARKET	8.6	9.9	7.1
TOTAL FARM LABOR & MANAGEMENT	10.3	11.0	8.6
FARM LABOR CONTRACTORS	10.0	10.1	8.3
FARM MANAGEMENT SERVICES	0.3	0.9	0.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	50.4	60.2
TOTAL AGRIC. PROD. CROPS	28.6	36.1
VEGETABLES AND MELONS	9.4	13.1
TOTAL FRUIT AND TREE NUTS	7.2	11.0
BERRIES	5.5	7.9
GRAPES	0.7	1.3
DECIDUOUS TREE FRUIT	0.6	1.2
OTHER FRUITS AND NUTS	0.4	0.6
TOTAL HORTICULTURAL SPECIALTIES	8.1	7.7
ORNAMENTAL FLORAL & NURS PRD	6.5	6.1
FOOD CROPS GROWN UNDR COVER	1.6	1.6
GENERAL FARM PRIMARILY CROP	3.9	4.3
TOTAL AGRIC. PROD. LIVESTOCK	1.0	1.1
TOTAL AGRICULTURAL SERVICES	20.8	23.0
CROP SERVICES	10.7	12.2
CROP HARVEST PRIM. MACHINE	2.9	3.0
CROP PREP. SERV. FOR MARKET	7.8	9.2
TOTAL FARM LABOR & MANAGEMENT	10.1	10.8
FARM LABOR CONTRACTORS	9.9	10.0
FARM MANAGEMENT SERVICES	0.2	0.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	293.44	297.05
TOTAL AGRIC. PROD. CROPS	294.69	308.62
VEGETABLES AND MELONS	358.16	338.10
TOTAL FRUIT AND TREE NUTS	247.30	281.12
BERRIES	230.40	277.10
GRAPES	303.81	347.47
DECIDUOUS TREE FRUIT	205.97	236.09
OTHER FRUITS AND NUTS	432.90	275.07
TOTAL HORTICULTURAL SPECIALTIES	298.35	312.57
ORNAMENTAL FLORAL & NURS PRD	278.52	294.84
FOOD CROPS GROWN UNDR COVER	377.69	383.15
GENERAL FARM PRIMARILY CROP	221.49	284.74
TOTAL AGRIC. PROD. LIVESTOCK	315.75	300.31
TOTAL AGRICULTURAL SERVICES	291.02	278.99
CROP SERVICES	320.40	303.79
CROP HARVEST PRIM. MACHINE	295.81	290.53
CROP PREP. SERV. FOR MARKET	328.84	307.89
TOTAL FARM LABOR & MANAGEMENT	260.01	250.47
FARM LABOR CONTRACTORS	258.22	244.90
FARM MANAGEMENT SERVICES	347.21	323.39

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	39.6	41.2
TOTAL AGRIC. PROD. CROPS	41.1	43.9
VEGETABLES AND MELONS	45.8	45.2
TOTAL FRUIT AND TREE NUTS	37.3	41.1
BERRIES	36.0	43.5
GRAPES	39.0	34.2
DECIDUOUS TREE FRUIT	34.5	36.1
OTHER FRUITS AND NUTS	55.5	34.6
TOTAL HORTICULTURAL SPECIALTIES	42.2	45.3
ORNAMENTAL FLORAL & NURS PRD	42.2	45.5
FOOD CROPS GROWN UNDR COVER	42.2	44.5
GENERAL FARM PRIMARILY CROP	34.5	44.7
TOTAL AGRIC. PROD. LIVESTOCK	40.9	38.8
TOTAL AGRICULTURAL SERVICES	37.6	37.1
CROP SERVICES	40.1	39.3
CROP HARVEST PRIM. MACHINE	39.6	42.6
CROP PREP. SERV. FOR MARKET	40.2	38.2
TOTAL FARM LABOR & MANAGEMENT	34.9	34.5
FARM LABOR CONTRACTORS	34.8	34.3
FARM MANAGEMENT SERVICES	39.5	37.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	7.41	7.21
TOTAL AGRIC. PROD. CROPS	7.17	7.03
VEGETABLES AND MELONS	7.82	7.48
TOTAL FRUIT AND TREE NUTS	6.63	6.84
BERRIES	6.40	6.37
GRAPES	7.79	10.16
DECIDUOUS TREE FRUIT	5.97	6.54
OTHER FRUITS AND NUTS	7.80	7.95
TOTAL HORTICULTURAL SPECIALTIES	7.07	6.90
ORNAMENTAL FLORAL & NURS PRD	6.60	6.48
FOOD CROPS GROWN UNDR COVER	8.95	8.61
GENERAL FARM PRIMARILY CROP	6.42	6.37
TOTAL AGRIC. PROD. LIVESTOCK	7.72	7.74
TOTAL AGRICULTURAL SERVICES	7.74	7.52
CROP SERVICES	7.99	7.73
CROP HARVEST PRIM. MACHINE	7.47	6.82
CROP PREP. SERV. FOR MARKET	8.18	8.06
TOTAL FARM LABOR & MANAGEMENT	7.45	7.26
FARM LABOR CONTRACTORS	7.42	7.14
FARM MANAGEMENT SERVICES	8.79	8.67

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	31.1	29.7	36.3
TOTAL AGRIC. PROD. CROPS	12.6	11.6	12.1
FIELD CROPS	1.6	1.6	1.6
VEGETABLES AND MELONS	2.8	2.4	2.8
TOTAL FRUIT AND TREE NUTS	2.9	2.9	3.0
GRAPES	1.0	1.0	0.7
CITRUS FRUITS	0.4	0.4	0.7
OTHER FRUITS AND NUTS	1.5	1.5	1.6
HORTICULTURAL SPECIALTIES	1.5	1.1	1.2
GENERAL FARM PRIMARILY CROP	3.8	3.6	3.5
TOTAL AGRIC. PROD. LIVESTOCK	5.0	5.1	5.7
DAIRY FARMS	2.2	2.3	2.5
CHICKEN EGGS	1.2	1.2	1.5
OTHER LIVESTOCK	1.6	1.6	1.7
TOTAL AGRICULTURAL SERVICES	13.5	13.0	18.5
CROP SERVICES	4.8	5.6	6.1
CROP PLANT-CULT-PROTECTION	1.2	1.1	1.1
CROP HARVEST PRIM. MACHINE	0.4	0.9	1.1
CROP PREP. SERV. FOR MARKET	3.2	3.6	3.9
TOTAL FARM LABOR & MANAGEMENT	8.7	7.4	12.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	28.8	27.1
TOTAL AGRIC. PROD. CROPS	11.6	10.4
FIELD CROPS	1.4	1.4
VEGETABLES AND MELONS	2.7	2.2
TOTAL FRUIT AND TREE NUTS	2.6	2.5
GRAPES	0.9	0.8
CITRUS FRUITS	0.3	0.4
OTHER FRUITS AND NUTS	1.4	1.3
HORTICULTURAL SPECIALTIES	1.3	0.9
GENERAL FARM PRIMARILY CROP	3.6	3.4
TOTAL AGRIC. PROD. LIVESTOCK	4.4	4.4
DAIRY FARMS	2.1	2.2
CHICKEN EGGS	0.9	0.9
OTHER LIVESTOCK	1.4	1.3
TOTAL AGRICULTURAL SERVICES	12.8	12.3
CROP SERVICES	4.3	5.1
CROP PLANT-CULT-PROTECTION	1.1	0.9
CROP HARVEST PRIM. MACHINE	0.3	0.8
CROP PREP. SERV. FOR MARKET	2.9	3.4
TOTAL FARM LABOR & MANAGEMENT	8.5	7.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	252.89	265.64
TOTAL AGRIC. PROD. CROPS	266.57	275.65
FIELD CROPS	265.37	304.70
VEGETABLES AND MELONS	269.88	290.79
TOTAL FRUIT AND TREE NUTS	232.70	217.23
GRAPES	184.37	179.61
CITRUS FRUITS	304.48	303.86
OTHER FRUITS AND NUTS	247.65	218.51
HORTICULTURAL SPECIALTIES	320.54	304.11
GENERAL FARM PRIMARILY CROP	270.38	288.90
TOTAL AGRIC. PROD. LIVESTOCK	386.37	386.71
DAIRY FARMS	467.03	460.29
CHICKEN EGGS	299.80	280.40
OTHER LIVESTOCK	320.93	333.49
TOTAL AGRICULTURAL SERVICES	194.04	214.20
CROP SERVICES	262.29	272.43
CROP PLANT-CULT-PROTECTION	246.77	314.47
CROP HARVEST PRIM. MACHINE	294.99	295.99
CROP PREP. SERV. FOR MARKET	264.32	254.40
TOTAL FARM LABOR & MANAGEMENT	159.60	173.10

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	39.7	42.3
TOTAL AGRIC. PROD. CROPS	43.7	47.2
FIELD CROPS	44.6	55.2
VEGETABLES AND MELONS	47.1	52.3
TOTAL FRUIT AND TREE NUTS	38.4	39.0
GRAPES	33.4	33.2
CITRUS FRUITS	44.0	43.1
OTHER FRUITS AND NUTS	40.4	41.7
HORTICULTURAL SPECIALTIES	47.7	45.8
GENERAL FARM PRIMARILY CROP	43.4	46.9
TOTAL AGRIC. PROD. LIVESTOCK	48.6	49.2
DAIRY FARMS	48.7	49.6
CHICKEN EGGS	49.8	46.5
OTHER LIVESTOCK	47.9	50.3
TOTAL AGRICULTURAL SERVICES	33.0	35.7
CROP SERVICES	41.9	42.7
CROP PLANT-CULT-PROTECTION	42.4	51.3
CROP HARVEST PRIM. MACHINE	44.9	43.4
CROP PREP. SERV. FOR MARKET	41.3	40.0
TOTAL FARM LABOR & MANAGEMENT	28.5	30.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	6.37	6.28
TOTAL AGRIC. PROD. CROPS	6.10	5.84
FIELD CROPS	5.95	5.52
VEGETABLES AND MELONS	5.73	5.56
TOTAL FRUIT AND TREE NUTS	6.06	5.57
GRAPES	5.52	5.41
CITRUS FRUITS	6.92	7.05
OTHER FRUITS AND NUTS	6.13	5.24
HORTICULTURAL SPECIALTIES	6.72	6.64
GENERAL FARM PRIMARILY CROP	6.23	6.16
TOTAL AGRIC. PROD. LIVESTOCK	7.95	7.86
DAIRY FARMS	9.59	9.28
CHICKEN EGGS	6.02	6.03
OTHER LIVESTOCK	6.70	6.63
TOTAL AGRICULTURAL SERVICES	5.88	6.00
CROP SERVICES	6.26	6.38
CROP PLANT-CULT-PROTECTION	5.82	6.13
CROP HARVEST PRIM. MACHINE	6.57	6.82
CROP PREP. SERV. FOR MARKET	6.40	6.36
TOTAL FARM LABOR & MANAGEMENT	5.60	5.62

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	23.7	32.6	25.1
TOTAL AGRIC. PROD. CROPS	16.1	23.8	17.9
RICE	1.1	1.6	1.4
VEGETABLES AND MELONS	1.1	1.9	1.0
TOTAL FRUIT AND TREE NUTS	7.6	9.0	7.7
TREE NUTS	2.2	2.7	2.2
DECIDUOUS TREE FRUIT	3.1	3.3	2.9
OTHER FRUITS AND NUTS	2.3	3.0	2.6
HORTICULTURAL SPECIALTIES	1.9	4.9	2.4
GENERAL FARM PRIMARILY CROP	4.4	6.4	5.4
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.2	2.2
TOTAL AGRICULTURAL SERVICES	5.5	6.6	5.0
CROP SERVICES	3.2	3.3	2.9
CROP HARVEST PRIM. MACHINE	0.9	1.1	0.9
CROP PREP. SERV. FOR MARKET	2.3	2.2	2.0
TOTAL FARM LABOR & MANAGEMENT	2.3	3.3	2.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 6-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	21.2	29.8
TOTAL AGRIC. PRODD. CROPS	14.5	22.0
RICE	0.9	1.3
VEGETABLES AND MELONS	1.0	1.8
TOTAL FRUIT AND TREE NUTS	7.1	8.3
TREE NUTS	2.0	2.5
DECIDUOUS TREE FRUIT	2.9	3.0
OTHER FRUITS AND NUTS	2.2	2.8
HORTICULTURAL SPECIALTIES	1.6	4.7
GENERAL FARM PRIMARILY CROP	3.9	5.9
TOTAL AGRIC. PRODD. LIVESTOCK	1.8	1.9
TOTAL AGRICULTURAL SERVICES	4.9	5.9
CROP SERVICES	2.7	2.8
CROP HARVEST PRIM. MACHINE	0.6	0.9
CROP PREP. SERV. FOR MARKET	2.1	1.9
TOTAL FARM LABOR & MANAGEMENT	2.2	3.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	261.87	300.81
TOTAL AGRIC. PROD. CROPS	261.18	295.50
RICE	372.59	436.30
VEGETABLES AND MELONS	373.67	370.12
TOTAL FRUIT AND TREE NUTS	218.83	260.63
TREE NUTS	232.31	283.54
DECIDUOUS TREE FRUIT	205.13	225.04
OTHER FRUITS AND NUTS	222.95	278.48
HORTICULTURAL SPECIALTIES	299.40	253.31
GENERAL FARM PRIMARILY CROP	267.78	324.36
TOTAL AGRIC. PROD. LIVESTOCK	324.67	319.23
TOTAL AGRICULTURAL SERVICES	239.60	316.35
CROP SERVICES	264.75	349.79
CROP HARVEST PRIM. MACHINE	241.08	286.89
CROP PREP. SERV. FOR MARKET	271.22	378.84
TOTAL FARM LABOR & MANAGEMENT	208.44	287.02

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	43.5	47.9
TOTAL AGRIC. PROD. CROPS	42.4	46.1
RICE	50.9	58.8
VEGETABLES AND MELONS	43.5	40.1
TOTAL FRUIT AND TREE NUTS	40.3	44.1
TREE NUTS	40.9	47.1
DECIDUOUS TREE FRUIT	36.5	38.8
OTHER FRUITS AND NUTS	44.5	47.2
HORTICULTURAL SPECIALTIES	43.9	40.4
GENERAL FARM PRIMARILY CROP	43.4	52.4
TOTAL AGRIC. PROD. LIVESTOCK	45.6	45.8
TOTAL AGRICULTURAL SERVICES	45.9	55.5
CROP SERVICES	48.4	54.4
CROP HARVEST PRIM. MACHINE	41.0	39.3
CROP PREP. SERV. FOR MARKET	50.6	61.5
TOTAL FARM LABOR & MANAGEMENT	42.8	56.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	6.02	6.28
TOTAL AGRIC. PROD. CROPS	6.16	6.41
RICE	7.32	7.42
VEGETABLES AND MELONS	8.59	9.23
TOTAL FRUIT AND TREE NUTS	5.43	5.91
TREE NUTS	5.68	6.02
DECIDUOUS TREE FRUIT	5.62	5.80
OTHER FRUITS AND NUTS	5.01	5.90
HORTICULTURAL SPECIALTIES	6.82	6.27
GENERAL FARM PRIMARILY CROP	6.17	6.19
TOTAL AGRIC. PROD. LIVESTOCK	7.12	6.97
TOTAL AGRICULTURAL SERVICES	5.22	5.70
CROP SERVICES	5.47	6.43
CROP HARVEST PRIM. MACHINE	5.88	7.30
CROP PREP. SERV. FOR MARKET	5.36	6.16
TOTAL FARM LABOR & MANAGEMENT	4.87	5.08

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991	NOV 1990
TOTAL AGRICULTURAL	9.6	16.8	10.6
TOTAL AGRIC. PROD. CROPS	6.6	12.3	7.2
TOTAL FRUIT AND TREE NUTS	5.5	10.7	5.7
GRAPES	4.4	9.1	4.5
OTHER FRUITS AND NUTS	1.1	1.6	1.2
TOTAL HORTICULTURAL SPECIALTIES	0.8	1.0	1.0
GENERAL FARM PRIMARILY CROP (2)	0.3	0.6	0.5
TOTAL AGRIC. PROD. LIVESTOCK	2.0	1.9	2.1
TOTAL AGRICULTURAL SERVICES	1.0	2.6	1.3

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, OR HOURS AND EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	7.3	14.7
TOTAL AGRIC. PROD. CROPS	4.9	10.7
TOTAL FRUIT AND TREE NUTS	3.9	9.3
GRAPES	2.9	7.8
OTHER FRUITS AND NUTS	1.0	1.5
TOTAL HORTICULTURAL SPECIALTIES	0.7	0.8
TOTAL AGRIC. PROD. LIVESTOCK	1.6	1.7
TOTAL AGRICULTURAL SERVICES	0.8	2.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	291.80	318.40
TOTAL AGRIC. PROD. CROPS	263.69	305.10
TOTAL FRUIT AND TREE NUTS	277.03	310.50
GRAPES	301.54	324.14
OTHER FRUITS AND NUTS	203.37	238.99
TOTAL HORTICULTURAL SPECIALTIES	194.21	282.30
TOTAL AGRIC. PROD. LIVESTOCK	324.34	315.17
TOTAL AGRICULTURAL SERVICES	395.18	383.67

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	39.7	39.8
TOTAL AGRIC. PROD. CROPS	35.3	37.9
TOTAL FRUIT AND TREE NUTS	35.7	37.5
GRAPES	34.9	37.3
OTHER FRUITS AND NUTS	38.3	38.3
TOTAL HORTICULTURAL SPECIALTIES	28.9	39.1
TOTAL AGRIC. PROD. LIVESTOCK	48.7	46.9
TOTAL AGRICULTURAL SERVICES	47.9	43.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.



TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1991	OCT 1991
TOTAL AGRICULTURAL	7.35	8.00
TOTAL AGRIC. PROD. CROPS	7.47	8.05
TOTAL FRUIT AND TREE NUTS	7.76	8.28
GRAPES	8.64	8.69
OTHER FRUITS AND NUTS	5.31	6.24
TOTAL HORTICULTURAL SPECIALTIES	6.72	7.22
TOTAL AGRIC. PROD. LIVESTOCK	6.66	6.72
TOTAL AGRICULTURAL SERVICES	8.25	8.82

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.